

## EXHIBIT A

From Page No. 11246XRD 12357

The version 1 preparation (p 11246) had a very strong ammonia smell. It is decided to try again with lower NH<sub>4</sub> OB level.

9/27/00

A 2000 g batch is prepared. The first 3 ingredients are included in the scorched fat (p 54). The scorched fat consists of a water & solid portion. Water portion =  $(1883) (.323) = 608$  g. The remainder (1275g) consists of scorched out solid soap.

Our Program?

RT  $\rightarrow$  140°C over 45 min.  
140°C Hold 60 min.  
140°C  $\rightarrow$  50°C over 30 min

Note: still has pretty strong ammonia smell. Maybe increasing to 150°C in Our Program will make more of the NH<sub>4</sub> React

9/28/00

Run V2 again but ramps up to 150°C

I immediately formulate XLD 12357 which consists of 95% HPA143 (lot 234-0-I) + 5% V2 (150°C). Test against one lot HPA143 on 50 D.

Test	at	Int Chex	IR
13236	SR	13 A	.61 (.72, .49)
13237	Sterb	4 A	.74 (.87, .62)

Screening in  
W/100

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Witnessed &amp; Understood by me,

Date

Invented by

Date

Recorded by

*F. Miller*

## Applied Food Biotechnology

Plant: 2 LPW  
PI-Code: XRH12357 SF-HTR= X RH12357  
v1

----- Production Formula -----

Ingr	Code	Ingredient Name	Amount	Mix %	Current Cost
SHP0104 PolyratMix+FA's					
738		WATER	338,200	33.8200	0.2146
722		SODIUM HYDROXIDE	531,900	53.1900	0.0000
726		SODIUM SULFIDE	71,200	7.1200	0.1100
748		AMMONIUM HYDROX	25,000	2.5000	1.0000
737		TWEEN 80	12,500	1.2500	0.0450
734		TOCOPHEROLS, MIXE	21,000	2.1000	1.3300
			0.200	0.0200	22.2500
Total Batch: 1000,000				0.1584 /lb	

## Applied Food Biotechnology

Plant: 2 LPW  
PI-Code: XRH12357 SF-HTR + 95% HPLUS  
XRP145, v1

----- Production Formula -----

Ingr	Code	Ingredient Name	Amount	Mix %	Current Cost
RLH-PLUS H-PLUS					
XRH145 SF-HTR v1					
			1900,000	95.0000	0.1662
			100,000	5.0000	0.0000
Total Batch: 2000,000				0.1584 /lb	

Witnessed